

2013



Prince George's County Annual HIV Epidemiological Profile

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Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

Men who have Sex with Men (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection—either self-administered or given by another person—of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

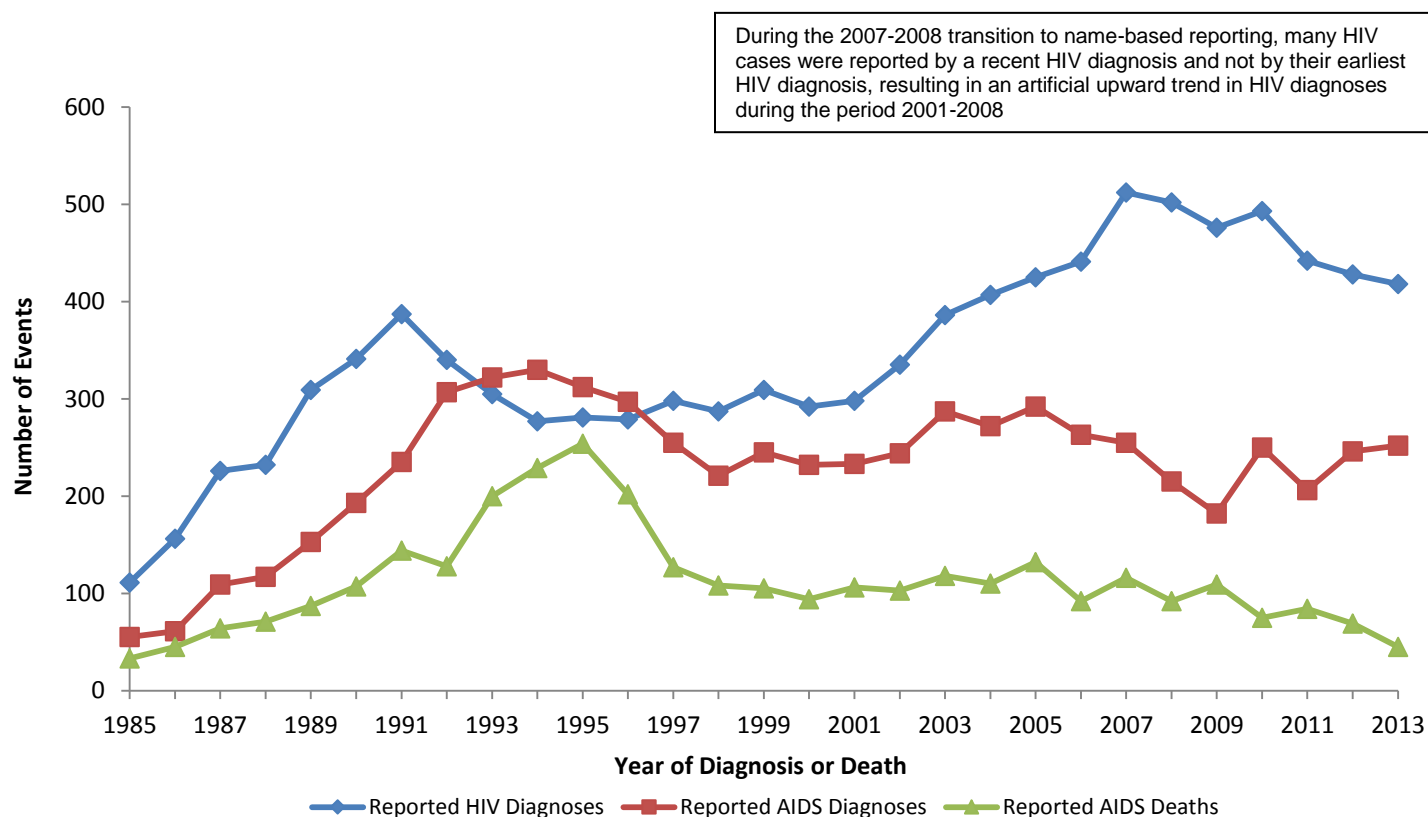
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

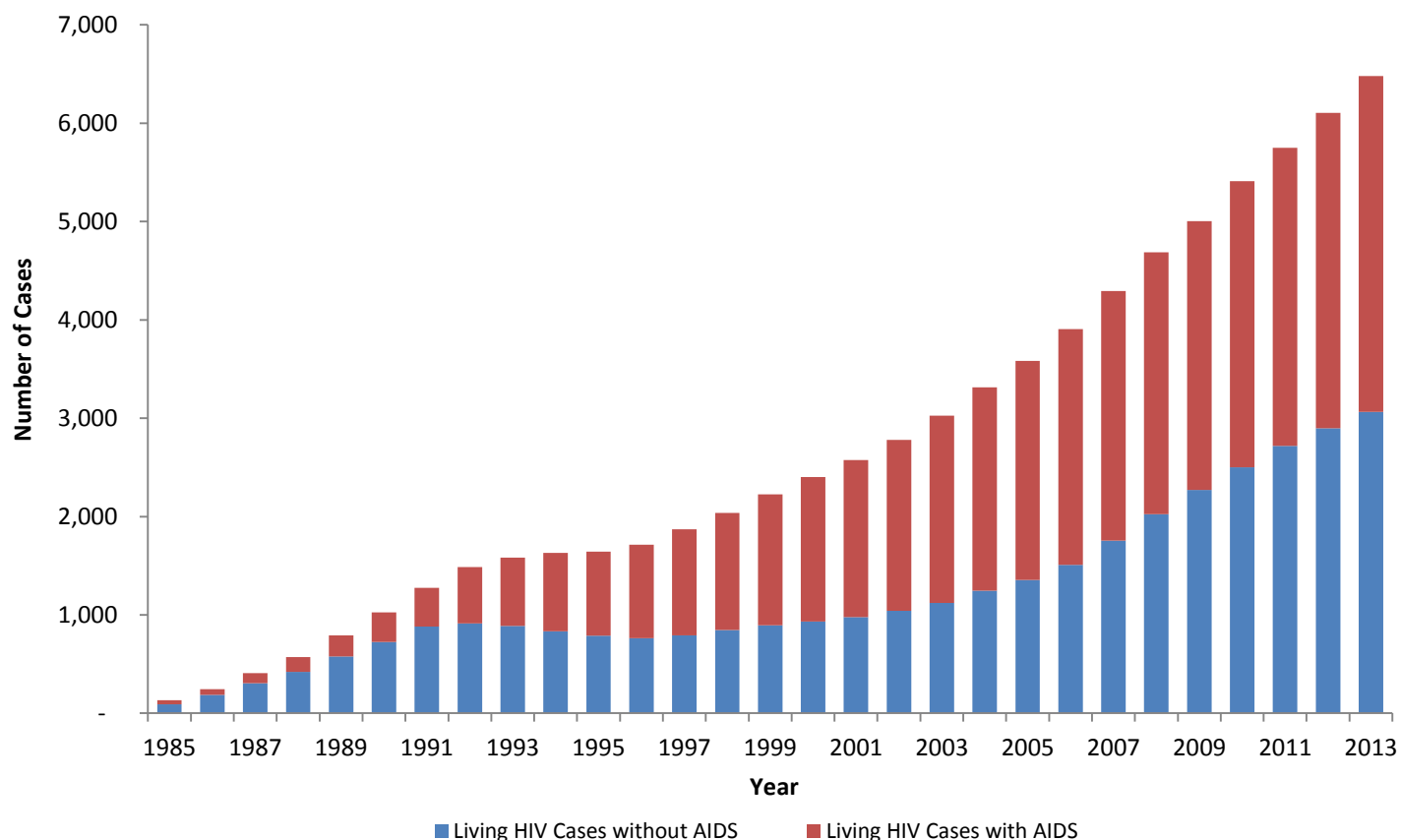
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	66	45	19	1999	309	245	105
1985	111	55	33	2000	292	232	94
1986	156	61	45	2001	298	233	106
1987	226	109	64	2002	335	244	103
1988	232	117	71	2003	386	287	118
1989	309	153	87	2004	407	272	110
1990	341	193	107	2005	425	292	132
1991	387	235	144	2006	441	263	92
1992	340	307	128	2007	512	255	116
1993	305	322	200	2008	502	215	92
1994	277	330	229	2009	476	182	109
1995	281	312	254	2010	493	250	75
1996	279	297	202	2011	442	206	84
1997	298	255	127	2012	428	246	69
1998	287	221	108	2013	418	252	45
				TOTAL	10,059	6,686	3,268

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

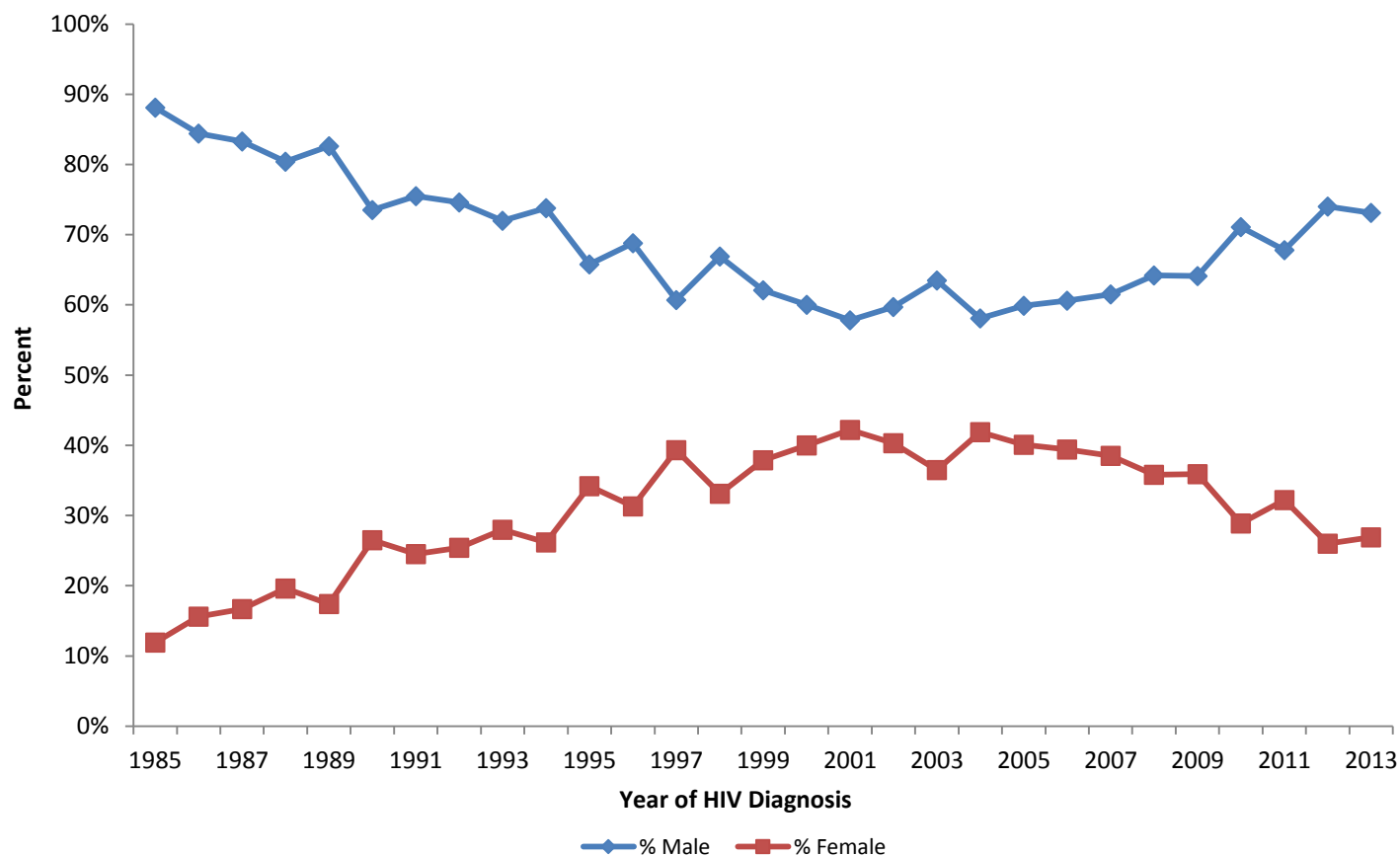
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	90	42	132	1999	895	1,330	2,225
1986	187	58	245	2000	933	1,468	2,401
1987	305	103	408	2001	977	1,596	2,573
1988	421	149	570	2002	1,041	1,737	2,778
1989	578	215	793	2003	1,121	1,906	3,027
1990	725	302	1,027	2004	1,246	2,068	3,314
1991	882	393	1,275	2005	1,356	2,228	3,584
1992	913	572	1,485	2006	1,508	2,399	3,907
1993	889	694	1,583	2007	1,754	2,538	4,292
1994	834	795	1,629	2008	2,025	2,661	4,686
1995	790	853	1,643	2009	2,270	2,734	5,004
1996	764	949	1,713	2010	2,500	2,909	5,409
1997	792	1,077	1,869	2011	2,719	3,031	5,750
1998	847	1,190	2,037	2012	2,897	3,208	6,105
				2013	3,064	3,415	6,479

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

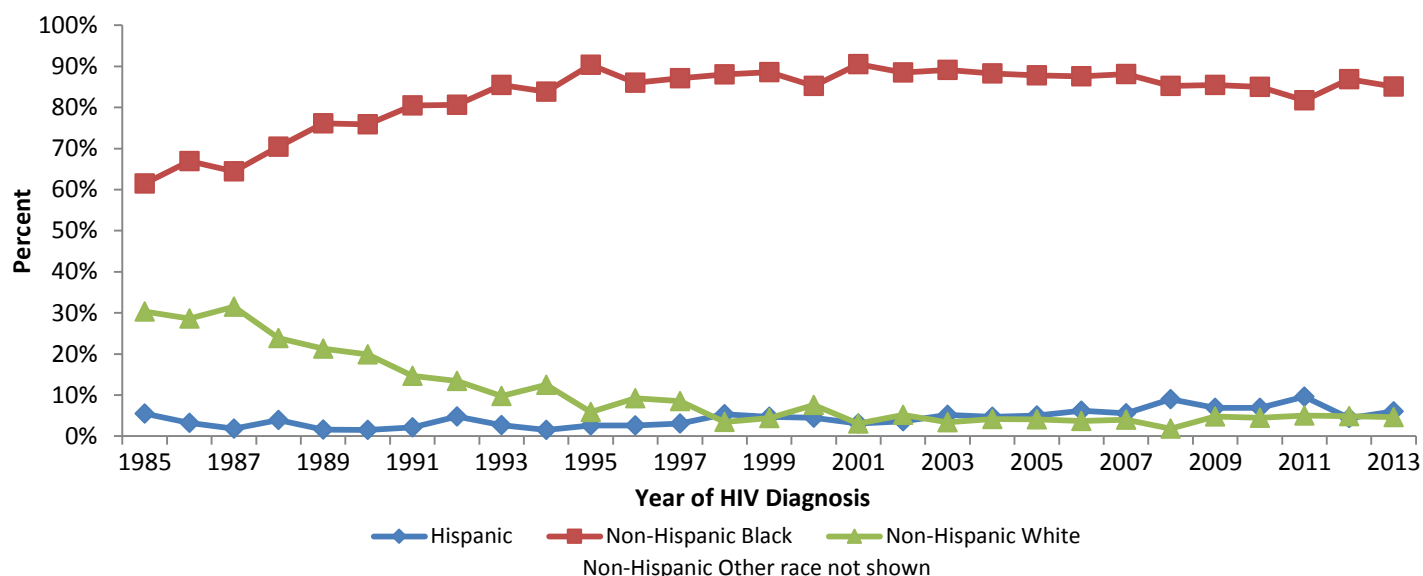
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	64	87.5%	12.5%	1999	298	62.1%	37.9%
1985	109	88.1%	11.9%	2000	290	60.0%	40.0%
1986	154	84.4%	15.6%	2001	294	57.8%	42.2%
1987	222	83.3%	16.7%	2002	330	59.7%	40.3%
1988	230	80.4%	19.6%	2003	384	63.5%	36.5%
1989	305	82.6%	17.4%	2004	403	58.1%	41.9%
1990	332	73.5%	26.5%	2005	419	59.9%	40.1%
1991	380	75.5%	24.5%	2006	436	60.6%	39.4%
1992	335	74.6%	25.4%	2007	496	61.5%	38.5%
1993	296	72.0%	28.0%	2008	500	64.2%	35.8%
1994	271	73.8%	26.2%	2009	476	64.1%	35.9%
1995	272	65.8%	34.2%	2010	492	71.1%	28.9%
1996	272	68.8%	31.3%	2011	438	67.8%	32.2%
1997	295	60.7%	39.3%	2012	427	74.0%	26.0%
1998	284	66.9%	33.1%	2013	417	73.1%	26.9%
				TOTAL	9,921	68.0%	32.0%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

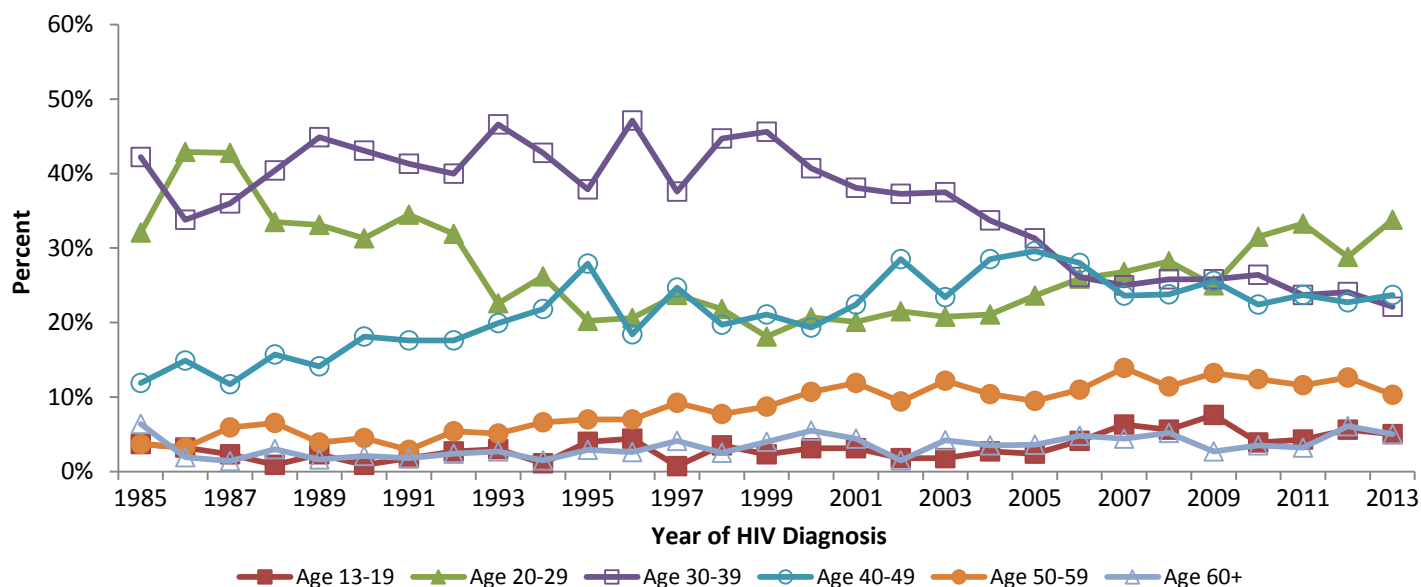
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	64	0.0%	70.3%	29.7%	0.0%
1985	109	5.5%	61.5%	30.3%	2.8%
1986	154	3.2%	66.9%	28.6%	1.3%
1987	222	1.8%	64.4%	31.5%	2.3%
1988	230	3.9%	70.4%	23.9%	1.7%
1989	305	1.6%	76.1%	21.3%	1.0%
1990	332	1.5%	75.9%	19.9%	2.7%
1991	380	2.1%	80.5%	14.7%	2.6%
1992	335	4.8%	80.6%	13.4%	1.2%
1993	296	2.7%	85.5%	9.8%	2.0%
1994	271	1.5%	83.8%	12.5%	2.2%
1995	272	2.6%	90.4%	5.9%	1.1%
1996	272	2.6%	86.0%	9.2%	2.2%
1997	295	3.1%	87.1%	8.5%	1.4%
1998	284	5.3%	88.0%	3.5%	3.2%
1999	298	4.7%	88.6%	4.4%	2.3%
2000	290	4.5%	85.2%	7.6%	2.8%
2001	294	3.1%	90.5%	3.1%	3.4%
2002	330	3.6%	88.5%	5.2%	2.7%
2003	384	5.2%	89.1%	3.4%	2.3%
2004	403	4.7%	88.3%	4.2%	2.7%
2005	419	5.0%	87.8%	4.1%	3.1%
2006	436	6.2%	87.6%	3.7%	2.5%
2007	496	5.6%	88.1%	4.0%	2.2%
2008	500	9.0%	85.2%	1.8%	4.0%
2009	476	6.9%	85.5%	4.8%	2.7%
2010	492	6.9%	85.0%	4.5%	3.7%
2011	438	9.6%	81.7%	5.0%	3.7%
2012	427	4.4%	86.9%	4.9%	3.7%
2013	417	6.0%	85.1%	4.6%	4.3%
TOTAL	9,921	4.7%	84.0%	8.6%	2.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

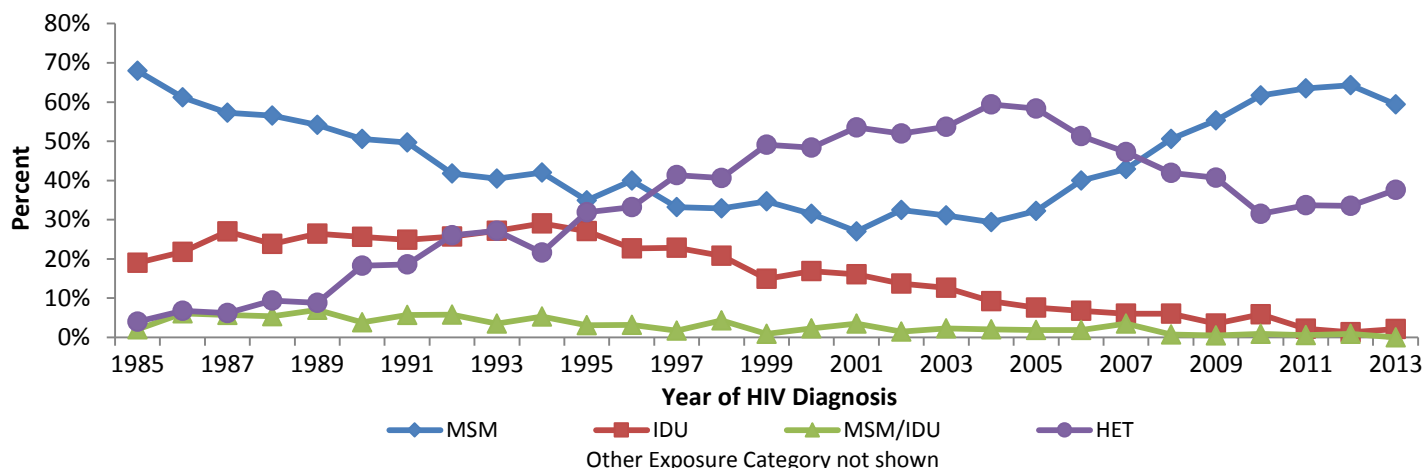
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	64	7.8%	39.1%	31.3%	18.8%	1.6%	1.6%
1985	109	3.7%	32.1%	42.2%	11.9%	3.7%	6.4%
1986	154	3.2%	42.9%	33.8%	14.9%	3.2%	1.9%
1987	222	2.3%	42.8%	36.0%	11.7%	5.9%	1.4%
1988	230	0.9%	33.5%	40.4%	15.7%	6.5%	3.0%
1989	305	2.3%	33.1%	44.9%	14.1%	3.9%	1.6%
1990	332	0.9%	31.3%	43.1%	18.1%	4.5%	2.1%
1991	380	1.8%	34.5%	41.3%	17.6%	2.9%	1.8%
1992	335	2.7%	31.9%	40.0%	17.6%	5.4%	2.4%
1993	296	3.0%	22.6%	46.6%	19.9%	5.1%	2.7%
1994	271	1.1%	26.2%	42.8%	21.8%	6.6%	1.5%
1995	272	4.0%	20.2%	37.9%	27.9%	7.0%	2.9%
1996	272	4.4%	20.6%	47.1%	18.4%	7.0%	2.6%
1997	295	0.7%	23.7%	37.6%	24.7%	9.2%	4.1%
1998	284	3.5%	21.8%	44.7%	19.7%	7.7%	2.5%
1999	298	2.3%	18.1%	45.6%	21.1%	8.7%	4.0%
2000	290	3.1%	20.7%	40.7%	19.3%	10.7%	5.5%
2001	294	3.1%	20.1%	38.1%	22.4%	11.9%	4.4%
2002	330	1.8%	21.5%	37.3%	28.5%	9.4%	1.5%
2003	384	1.8%	20.8%	37.5%	23.4%	12.2%	4.2%
2004	403	2.7%	21.1%	33.7%	28.5%	10.4%	3.5%
2005	419	2.4%	23.6%	31.3%	29.6%	9.5%	3.6%
2006	436	4.1%	25.9%	26.1%	28.0%	11.0%	4.8%
2007	496	6.3%	26.8%	25.0%	23.6%	13.9%	4.4%
2008	500	5.6%	28.2%	25.8%	23.8%	11.4%	5.2%
2009	476	7.6%	25.0%	25.8%	25.6%	13.2%	2.7%
2010	492	3.9%	31.5%	26.4%	22.4%	12.4%	3.5%
2011	438	4.3%	33.3%	23.7%	23.7%	11.6%	3.2%
2012	427	5.6%	28.8%	24.1%	22.7%	12.6%	6.1%
2013	417	5.0%	33.8%	22.1%	23.7%	10.3%	5.0%
TOTAL	9,921	3.5%	27.2%	34.3%	22.3%	9.2%	3.5%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	64	56	66.1%	16.1%	3.6%	12.5%	1.8%
1985	109	100	68.0%	19.0%	2.0%	4.0%	7.0%
1986	154	147	61.2%	21.8%	6.1%	6.8%	4.1%
1987	222	211	57.3%	27.0%	5.7%	6.2%	3.8%
1988	230	223	56.5%	23.8%	5.4%	9.4%	4.9%
1989	305	284	54.2%	26.4%	7.0%	8.8%	3.5%
1990	332	312	50.6%	25.6%	3.8%	18.3%	1.6%
1991	380	350	49.7%	24.9%	5.7%	18.6%	1.1%
1992	335	292	41.8%	25.7%	5.8%	26.0%	0.7%
1993	296	257	40.5%	27.2%	3.5%	27.2%	1.6%
1994	271	245	42.0%	29.0%	5.3%	21.6%	2.0%
1995	272	229	34.9%	27.1%	3.1%	31.9%	3.1%
1996	272	220	40.0%	22.7%	3.2%	33.2%	0.9%
1997	295	232	33.2%	22.8%	1.7%	41.4%	0.9%
1998	284	207	32.9%	20.8%	4.3%	40.6%	1.4%
1999	298	222	34.7%	14.9%	0.9%	49.1%	0.5%
2000	290	213	31.5%	16.9%	2.3%	48.4%	0.9%
2001	294	230	27.0%	16.1%	3.5%	53.5%	0.0%
2002	330	271	32.5%	13.7%	1.5%	52.0%	0.4%
2003	384	309	31.1%	12.6%	2.3%	53.7%	0.3%
2004	403	293	29.4%	9.2%	2.0%	59.4%	0.0%
2005	419	264	32.2%	7.6%	1.9%	58.3%	0.0%
2006	436	265	40.0%	6.8%	1.9%	51.3%	0.0%
2007	496	282	42.9%	6.0%	3.5%	47.2%	0.4%
2008	500	267	50.6%	6.0%	0.7%	41.9%	0.7%
2009	476	199	55.3%	3.5%	0.5%	40.7%	0.0%
2010	492	222	61.7%	5.9%	0.9%	31.5%	0.0%
2011	438	181	63.5%	2.2%	0.6%	33.7%	0.0%
2012	427	227	64.3%	1.3%	0.9%	33.5%	0.0%
2013	417	234	59.4%	2.1%	0.0%	37.6%	0.9%
TOTAL	9,921	7,044	44.6%	16.3%	3.1%	34.8%	1.2%

Section III – Adult/Adolescent Cases by ZIP Code

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
20601	259	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20607	8,441	3	0.7%	35.5	***	***	***	***	***	***	***
20608	827	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20613	8,877	1	0.2%	11.3	***	***	***	***	***	***	***
20623	2,396	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20705	22,129	4	1.0%	18.1	***	***	***	***	***	***	***
20706	32,299	19	4.6%	58.8	16	84.2%	6	31.6%	15	78.9%	556
20707	26,887	12	2.9%	44.6	10	83.3%	***	***	11	91.7%	288
20708	21,243	7	1.7%	33.0	5	71.4%	***	***	5	71.4%	559
20710	7,693	8	1.9%	104.0	***	***	***	***	***	***	***
20712	7,719	5	1.2%	64.8	***	***	***	***	5	100.0%	465
20715	23,199	4	1.0%	17.2	***	***	***	***	***	***	***
20716	17,700	5	1.2%	28.2	***	***	***	***	5	100.0%	439
20720	17,799	8	1.9%	44.9	6	75.0%	***	***	6	75.0%	318
20721	23,341	13	3.1%	55.7	11	84.6%	7	53.8%	13	100.0%	272
20722	4,845	5	1.2%	103.2	***	***	***	***	***	***	***
20735	31,013	13	3.1%	41.9	10	76.9%	7	53.8%	12	92.3%	201
20737	16,725	11	2.6%	65.8	10	90.9%	***	***	10	90.9%	503
20740	27,237	8	1.9%	29.4	***	***	***	***	5	62.5%	351
20742	8,083	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20743	32,967	24	5.8%	72.8	21	87.5%	7	29.2%	20	83.3%	387
20744	44,586	23	5.5%	51.6	19	82.6%	8	34.8%	18	78.3%	271
20745	24,496	16	3.8%	65.3	14	87.5%	8	50.0%	14	87.5%	231
20746	24,480	14	3.4%	57.2	8	57.1%	***	***	8	57.1%	428
20747	33,994	31	7.4%	91.2	26	83.9%	***	***	25	80.6%	427
20748	34,038	27	6.5%	79.3	17	63.0%	5	18.5%	19	70.4%	396
20762	2,103	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20769	5,625	1	0.2%	17.8	***	***	***	***	***	***	***
20770	21,656	12	2.9%	55.4	9	75.0%	***	***	9	75.0%	380
20772	36,771	12	2.9%	32.6	10	83.3%	***	***	10	83.3%	396
20774	37,374	23	5.5%	61.5	20	87.0%	5	21.7%	19	82.6%	381
20781	9,693	4	1.0%	41.3	***	***	***	***	***	***	***
20782	26,376	22	5.3%	83.4	15	68.2%	7	31.8%	15	68.2%	253
20783	38,190	17	4.1%	44.5	16	94.1%	10	58.8%	16	94.1%	110
20784	24,371	25	6.0%	102.6	22	88.0%	7	28.0%	24	96.0%	374
20785	29,302	33	7.9%	112.6	25	75.8%	11	33.3%	25	75.8%	355
20903	4,483	1	0.2%	22.3	***	***	***	***	***	***	***
20904	268	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20912	2,929	2	0.5%	68.3	***	***	***	***	***	***	***
Unknown	--	4	1.0%	--	4	100.0%	3	75.0%	4	100.0%	130
TOTAL	742,415	417	100.0%	56.2	330	79.1%	128	30.7%	338	81.1%	356

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20601	259	***	***	***	***	***
20607	8,441	1	0.4%	11.8	***	***
20608	827	0	0.0%	0.0	--	0.0%
20613	8,877	1	0.4%	11.3	***	***
20623	2,396	1	0.4%	41.7	***	***
20705	22,129	2	0.8%	9.0	***	***
20706	32,299	11	4.4%	34.1	2.3	63.6%
20707	26,887	7	2.8%	26.0	3.9	57.1%
20708	21,243	7	2.8%	33.0	4.2	57.1%
20710	7,693	3	1.2%	39.0	***	***
20712	7,719	6	2.4%	77.7	1.8	83.3%
20715	23,199	4	1.6%	17.2	***	***
20716	17,700	2	0.8%	11.3	***	***
20720	17,799	4	1.6%	22.5	***	***
20721	23,341	7	2.8%	30.0	0.1	100.0%
20722	4,845	1	0.4%	20.6	***	***
20735	31,013	8	3.2%	25.8	4.9	50.0%
20737	16,725	5	2.0%	29.9	5.0	40.0%
20740	27,237	3	1.2%	11.0	***	***
20742	8,083	1	1.1%	12.4	***	***
20743	32,967	18	7.1%	54.6	4.1	55.6%
20744	44,586	17	6.7%	38.1	4.6	58.8%
20745	24,496	17	6.7%	69.4	4.9	52.9%
20746	24,480	13	5.2%	53.1	4.1	38.5%
20747	33,994	10	4.0%	29.4	2.3	60.0%
20748	34,038	9	3.6%	26.4	4.7	33.3%
20762	2,103	0	0.0%	0.0	--	0.0%
20769	5,625	1	0.4%	17.8	***	***
20770	21,656	7	2.8%	32.3	4.7	57.1%
20772	36,771	8	3.2%	21.8	4.2	37.5%
20774	37,374	14	5.6%	37.5	2.8	50.0%
20781	9,693	2	0.8%	20.6	***	***
20782	26,376	9	3.6%	34.1	0.9	77.8%
20783	38,190	16	6.3%	41.9	1.7	68.8%
20784	24,371	14	5.6%	57.4	3.0	42.9%
20785	29,302	20	7.9%	68.3	5.1	50.0%
20903	4,483	0	0.0%	0.0	--	0.0%
20904	268	***	***	***	***	***
20912	2,929	1	0.4%	34.1	***	***
Unknown	--	3	1.2%	--	5.4	66.7%
TOTAL	742,415	252	100.0%	33.9	3.5	56.3%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
20601	259	***	***	***	***	***	***	***	***	***	***
20607	8,441	17	0.6%	201.4	14	0.4%	165.9	31	0.5%	367.3	272
20608	827	***	***	***	***	***	***	***	***	***	***
20613	8,877	14	0.5%	157.7	15	0.4%	169.0	29	0.5%	326.7	306
20623	2,396	3	0.1%	125.2	10	0.3%	417.3	13	0.2%	542.5	184
20705	22,129	47	1.6%	212.4	69	2.0%	311.8	116	1.8%	524.2	190
20706	32,299	128	4.3%	396.3	144	4.3%	445.8	272	4.3%	842.1	118
20707	26,887	74	2.5%	275.2	62	1.8%	230.6	136	2.1%	505.8	197
20708	21,243	78	2.6%	367.2	71	2.1%	334.2	149	2.3%	701.4	142
20710	7,693	48	1.6%	623.9	46	1.4%	597.9	94	1.5%	1,221.8	81
20712	7,719	50	1.7%	647.7	68	2.0%	880.9	118	1.8%	1,528.6	65
20715	23,199	26	0.9%	112.1	25	0.7%	107.8	51	0.8%	219.8	454
20716	17,700	36	1.2%	203.4	42	1.2%	237.3	78	1.2%	440.7	226
20720	17,799	29	1.0%	162.9	36	1.1%	202.3	65	1.0%	365.2	273
20721	23,341	54	1.8%	231.4	66	2.0%	282.8	120	1.9%	514.1	194
20722	4,845	30	1.0%	619.2	23	0.7%	474.8	53	0.8%	1,094.0	91
20735	31,013	108	3.6%	348.2	116	3.4%	374.0	224	3.5%	722.3	138
20737	16,725	67	2.2%	400.6	75	2.2%	448.4	142	2.2%	849.0	117
20740	27,237	47	1.6%	172.6	38	1.1%	139.5	85	1.3%	312.1	320
20742	8,083	1	0.0%	12.4	6	0.2%	74.2	7	0.1%	86.6	1,154
20743	32,967	219	7.3%	664.3	302	9.0%	916.1	521	8.2%	1,580.4	63
20744	44,586	155	5.2%	347.6	154	4.6%	345.4	309	4.8%	693.0	144
20745	24,496	124	4.1%	506.2	179	5.3%	730.7	303	4.7%	1,236.9	80
20746	24,480	168	5.6%	686.3	157	4.7%	641.3	325	5.1%	1,327.6	75
20747	33,994	213	7.1%	626.6	254	7.5%	747.2	467	7.3%	1,373.8	72
20748	34,038	202	6.7%	593.5	208	6.2%	611.1	410	6.4%	1,204.5	83
20762	2,103	3	0.1%	142.6	2	0.1%	95.1	5	0.1%	237.7	420
20769	5,625	7	0.2%	124.4	9	0.3%	160.0	16	0.3%	284.4	351
20770	21,656	102	3.4%	471.0	101	3.0%	466.4	203	3.2%	937.4	106
20772	36,771	110	3.7%	299.2	111	3.3%	301.9	221	3.5%	601.0	166
20774	37,374	145	4.8%	388.0	119	3.5%	318.4	264	4.1%	706.4	141
20781	9,693	33	1.1%	340.4	40	1.2%	412.7	73	1.1%	753.1	132
20782	26,376	135	4.5%	511.8	144	4.3%	545.9	279	4.4%	1,057.8	94
20783	38,190	108	3.6%	282.8	188	5.6%	492.3	296	4.6%	775.1	129
20784	24,371	126	4.2%	517.0	172	5.1%	705.8	298	4.7%	1,222.8	81
20785	29,302	246	8.2%	839.5	254	7.5%	866.8	500	7.8%	1,706.4	58
20903	4,483	4	0.1%	89.2	5	0.1%	111.5	9	0.1%	200.7	498
20904	268	***	***	***	***	***	***	***	***	***	***
20912	2,929	16	0.5%	546.4	18	0.5%	614.6	34	0.5%	1,161.0	86
Unknown	--	30	1.0%	--	26	0.8%	--	56	0.9%	--	--
TOTAL	694,901	3,007	100.0%	432.7	3,374	100.0%	485.5	6,381	100.0%	918.3	108

*** Data withheld due to low population counts and/or case counts

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20601	***	***	***	***	***	***	***	***
20607	31	18	58.1%	520	5.6%	16.7%	22.2%	55.6%
20608	***	***	***	***	***	***	***	***
20613	29	22	75.9%	664	13.6%	4.5%	13.6%	68.2%
20623	13	***	***	***	***	***	***	***
20705	116	68	58.6%	525	17.6%	13.2%	14.7%	54.4%
20706	272	156	57.4%	503	13.5%	17.9%	17.9%	50.6%
20707	136	75	55.1%	512	18.7%	16.0%	13.3%	52.0%
20708	149	84	56.4%	567	8.3%	11.9%	16.7%	63.1%
20710	94	45	47.9%	581	15.6%	13.3%	15.6%	55.6%
20712	118	59	50.0%	478	10.2%	11.9%	33.9%	44.1%
20715	51	25	49.0%	510	12.0%	20.0%	4.0%	64.0%
20716	78	42	53.8%	466	9.5%	19.0%	28.6%	42.9%
20720	65	43	66.2%	467	16.3%	16.3%	25.6%	41.9%
20721	120	69	57.5%	531	11.6%	13.0%	18.8%	56.5%
20722	53	35	66.0%	610	14.3%	14.3%	11.4%	60.0%
20735	224	122	54.5%	507	15.6%	13.9%	20.5%	50.0%
20737	142	76	53.5%	479	11.8%	13.2%	28.9%	46.1%
20740	85	44	51.8%	522	11.4%	11.4%	18.2%	59.1%
20742	7	***	***	***	***	***	***	***
20743	521	287	55.1%	481	14.3%	16.7%	20.2%	48.8%
20744	309	170	55.0%	556	14.1%	11.2%	17.6%	57.1%
20745	303	157	51.8%	461	19.7%	14.6%	21.0%	44.6%
20746	325	183	56.3%	485	17.5%	18.0%	20.2%	44.3%
20747	467	246	52.7%	501	14.6%	16.3%	19.1%	50.0%
20748	410	210	51.2%	531	10.0%	17.6%	16.7%	55.7%
20762	5	***	***	***	***	***	***	***
20769	16	9	56.3%	400	11.1%	22.2%	22.2%	44.4%
20770	203	102	50.2%	527	10.8%	17.6%	16.7%	54.9%
20772	221	122	55.2%	528	18.9%	10.7%	15.6%	54.9%
20774	264	160	60.6%	509	11.9%	17.5%	18.8%	51.9%
20781	73	37	50.7%	680	18.9%	8.1%	10.8%	62.2%
20782	279	145	52.0%	442	13.1%	22.1%	21.4%	43.4%
20783	296	146	49.3%	437	19.9%	17.1%	23.3%	39.7%
20784	298	169	56.7%	492	14.2%	15.4%	21.3%	49.1%
20785	500	268	53.6%	504	15.3%	12.7%	21.6%	50.4%
20903	9	***	***	***	***	***	***	***
20904	***	***	***	***	***	***	***	***
20912	34	21	61.8%	532	19.0%	9.5%	9.5%	61.9%
Unknown	56	24	42.9%	577	4.2%	12.5%	25.0%	58.3%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20601	***	***	***	***	***
20607	31	20	64.5%	75.0%	2,047
20608	***	***	***	***	***
20613	29	22	75.9%	86.4%	590
20623	13	5	38.5%	60.0%	79,372
20705	116	69	59.5%	71.0%	11,722
20706	272	155	57.0%	73.5%	34,371
20707	136	69	50.7%	78.3%	10,756
20708	149	84	56.4%	76.2%	9,846
20710	94	46	48.9%	84.8%	15,330
20712	118	57	48.3%	87.7%	21,426
20715	51	26	51.0%	84.6%	534,719
20716	78	38	48.7%	63.2%	16,505
20720	65	45	69.2%	77.8%	25,285
20721	120	68	56.7%	79.4%	34,604
20722	53	36	67.9%	75.0%	9,112
20735	224	126	56.3%	73.0%	5,761
20737	142	73	51.4%	74.0%	34,879
20740	85	45	52.9%	75.6%	22,761
20742	7	***	***	***	***
20743	521	273	52.4%	74.4%	9,782
20744	309	166	53.7%	70.5%	9,380
20745	303	160	52.8%	68.1%	9,583
20746	325	181	55.7%	72.4%	11,295
20747	467	254	54.4%	71.7%	17,112
20748	410	209	51.0%	76.6%	11,190
20762	5	***	***	***	***
20769	16	8	50.0%	100.0%	--
20770	203	103	50.7%	75.7%	9,984
20772	221	126	57.0%	73.8%	22,712
20774	264	160	60.6%	71.3%	12,600
20781	73	37	50.7%	83.8%	27,740
20782	279	149	53.4%	76.5%	13,190
20783	296	152	51.4%	77.6%	11,548
20784	298	167	56.0%	79.0%	5,820
20785	500	268	53.6%	67.5%	6,720
20903	9	6	66.7%	100.0%	--
20904	***	***	***	***	***
20912	34	21	61.8%	71.4%	21,810
Unknown	56	21	37.5%	100.0%	--
TOTAL	6,381	3,452	54.1%	74.4%	12,080

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

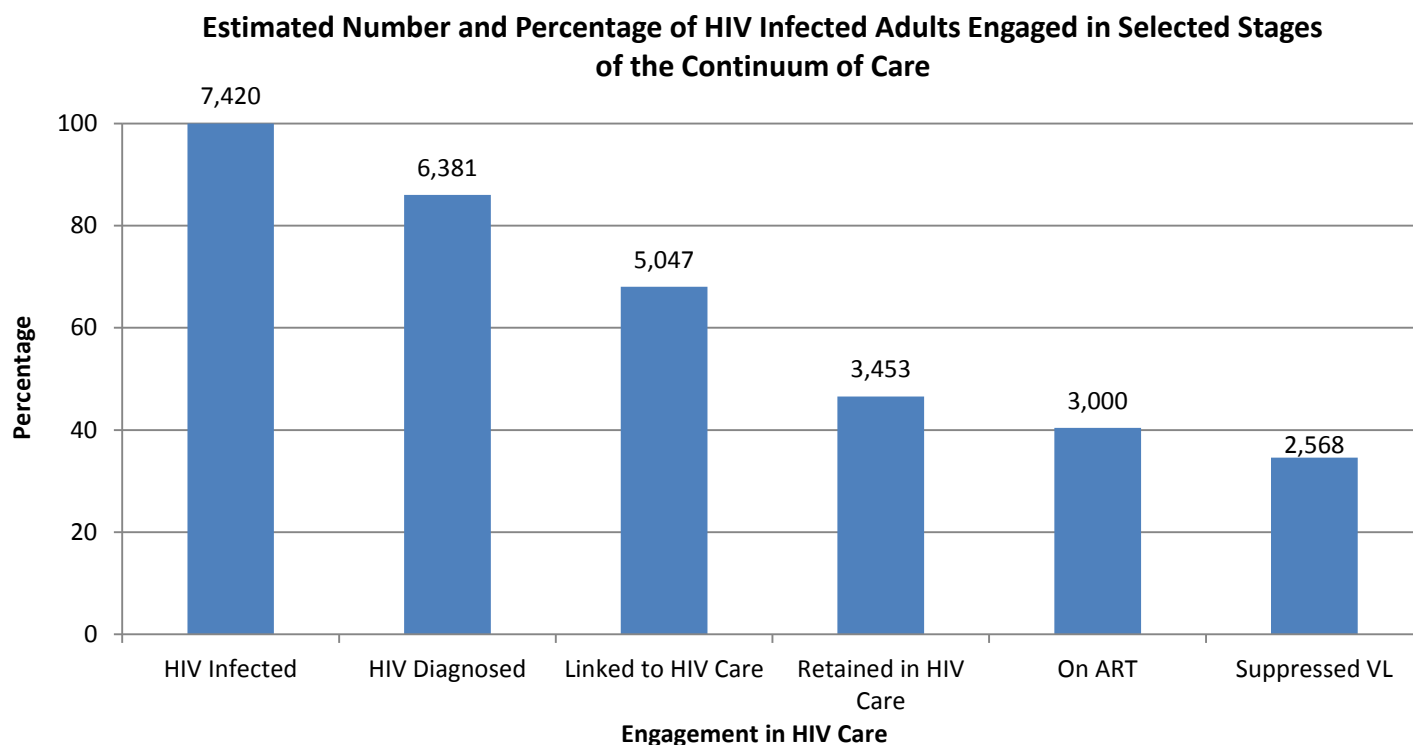
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	7,420	100.0%
HIV Diagnosed	6,381	86.0%
Linked to HIV Care	5,047	68.0%
Retained in HIV Care	3,453	46.5%
On ART	3,000	40.4%
Suppressed VL	2,568	34.6%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	59,439	1	0.2%	1.7	***	***	***	***	***	***	***
5-12 (Pediatric)	88,227	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	82,862	21	5.0%	25.3	17	81.0%	4	19.0%	16	76.2%	430
20-29	137,565	141	33.7%	102.5	107	75.9%	28	19.9%	108	76.6%	412
30-39	125,790	92	22.0%	73.1	74	80.4%	36	39.1%	80	87.0%	289
40-49	127,717	99	23.7%	77.5	81	81.8%	33	33.3%	79	79.8%	323
50-59	123,746	43	10.3%	34.7	35	81.4%	15	34.9%	38	88.4%	321
60+	144,735	21	5.0%	14.5	***	***	***	***	***	***	***
TOTAL	890,081	418	100.0%	47.0	331	79.2%	128	30.6%	339	81.1%	357

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	59,439	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	88,227	0	0.0%	0.0	--	0.0%
13-19	82,862	5	2.0%	6.0	0.2	100.0%
20-29	137,565	55	21.8%	40.0	2.2	63.6%
30-39	125,790	70	27.8%	55.6	2.6	61.4%
40-49	127,717	65	25.8%	50.9	4.9	50.8%
50-59	123,746	36	14.3%	29.1	4.8	41.7%
60+	144,735	21	8.3%	14.5	4.5	52.4%
TOTAL	890,081	252	100.0%	28.3	3.5	56.3%

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	59,439	2	0.1%	3.4	0	0.0%	0.0	2	0.0%	3.4	29,719
5-12 (Pediatric)	88,227	15	0.5%	17.0	4	0.1%	4.5	19	0.3%	21.5	4,643
13-19	82,862	50	1.6%	60.3	28	0.8%	33.8	78	1.2%	94.1	1,062
20-29	137,565	613	20.0%	445.6	234	6.9%	170.1	847	13.1%	615.7	162
30-39	125,790	761	24.8%	605.0	628	18.4%	499.2	1,389	21.4%	1,104.2	90
40-49	127,717	809	26.4%	633.4	1,123	32.9%	879.3	1,932	29.8%	1,512.7	66
50-59	123,746	577	18.8%	466.3	964	28.2%	779.0	1,541	23.8%	1,245.3	80
60+	144,735	237	7.7%	163.7	434	12.7%	299.9	671	10.4%	463.6	215
TOTAL	890,081	3,064	100.0%	344.2	3,415	100.0%	383.7	6,479	100.0%	727.9	137

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	34	22	64.7%	484	4.5%	22.7%	27.3%	45.5%
20-29	817	453	55.4%	518	10.2%	16.8%	21.6%	51.4%
30-39	1,386	732	52.8%	496	18.3%	14.9%	17.2%	49.6%
40-49	1,932	1,068	55.3%	498	15.4%	15.1%	19.9%	49.5%
50-59	1,541	834	54.1%	526	12.2%	15.7%	18.6%	53.5%
60+	671	344	51.3%	503	14.2%	14.0%	21.5%	50.3%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	34	24	70.6%	29.2%	10,756
20-29	817	446	54.6%	59.4%	17,474
30-39	1,386	726	52.4%	71.2%	15,439
40-49	1,932	1,074	55.6%	73.8%	12,220
50-59	1,541	842	54.6%	83.3%	4,955
60+	671	340	50.7%	84.1%	5,340
TOTAL	6,381	3,452	54.1%	74.4%	12,080

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	352,877	305	73.1%	86.4	237	77.7%	96	31.5%	243	79.7%	343
Female	389,538	112	26.9%	28.8	93	83.0%	32	28.6%	95	84.8%	398
TOTAL	742,415	417	100.0%	56.2	330	79.1%	128	30.7%	338	81.1%	356

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	108,308	25	6.0%	23.1	18	72.0%	9	36.0%	20	80.0%	279
Non-Hispanic	634,107	392	94.0%	61.8	312	79.6%	119	30.4%	318	81.1%	362
American Indian/Alaska Native, only	1,852	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	33,689	4	0.9%	11.9	***	***	***	***	***	***	***
Black, only	470,402	355	85.2%	75.5	281	79.2%	108	30.4%	286	80.6%	361
Native Hawaiian/ Other Pacific Islander, only	335	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	115,587	19	4.5%	16.4	***	***	***	***	***	***	***
Multiracial/ Other	12,242	14	3.4%	114.4	12	85.7%	6	42.9%	13	92.9%	251
TOTAL	742,415	417	100.0%	56.2	330	79.1%	128	30.7%	338	81.1%	356

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	554,022	323	77.5%	58.3	251	77.7%	91	28.2%	255	78.9%	354
Foreign-born	171,012	57	13.7%	33.3	46	80.7%	22	38.6%	49	86.0%	292
Africa	--	38	9.1%	--	33	86.8%	15	39.5%	34	89.5%	312
Asia	--	1	0.2%	--	***	***	***	***	***	***	***
Caribbean	--	8	1.9%	--	6	75.0%	***	***	7	87.5%	445
Central America	--	8	1.9%	--	5	62.5%	5	62.5%	6	75.0%	96
Other	--	2	0.5%	--	***	***	***	***	***	***	***
Unknown	--	37	8.9%	--	33	89.2%	15	40.5%	34	91.9%	401
TOTAL	725,034	417	100.0%	57.5	330	79.1%	128	30.7%	338	81.1%	356

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	352,877	184	73.0%	52.1	3.4	57.6%
Female	389,538	68	27.0%	17.5	4.0	52.9%
TOTAL	742,415	252	100.0%	33.9	3.5	56.3%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	108,308	19	7.5%	17.5	2.3	63.2%
Non-Hispanic	634,107	233	92.5%	36.7	3.7	55.8%
American Indian/Alaska Native, only	1,852	0	0.0%	0.0	--	0.0%
Asian, only	33,689	3	1.2%	8.9	***	***
Black, only	470,402	207	82.1%	44.0	3.6	56.5%
Native Hawaiian/Other Pacific Islander, only	335	0	0.0%	0.0	--	0.0%
White, only	115,587	11	4.3%	9.5	4.4	36.4%
Multiracial/Other	12,242	12	4.8%	98.0	2.6	66.7%
TOTAL	742,415	252	100.0%	33.9	3.5	56.3%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	554,022	196	77.8%	35.4	4.0	51.0%
Foreign-born	171,012	32	12.7%	18.7	2.1	78.1%
Africa	--	22	8.7%	--	2.2	77.3%
Asia	--	1	0.4%	--	***	***
Caribbean	--	2	0.8%	--	***	***
Central America	--	5	2.0%	--	0.3	80.0%
Other	--	2	0.8%	--	***	***
Unknown	--	24	9.5%	--	1.9	70.8%
TOTAL	725,034	252	100.0%	34.8	3.5	56.3%

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	352,877	1,908	63.5%	540.7	2,168	64.3%	614.4	4,076	63.9%	1,155.1	86
Female	389,538	1,099	36.5%	282.1	1,206	35.7%	309.6	2,305	36.1%	591.7	168
TOTAL	742,415	3,007	100.0%	405.0	3,374	100.0%	454.5	6,381	100.0%	859.5	116

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	108,308	174	5.8%	160.7	216	6.4%	199.4	390	6.1%	360.1	277
Non-Hispanic	634,107	2,833	94.2%	446.8	3,158	93.6%	498.0	5,991	93.9%	944.8	105
American Indian/Alaska Native, only	1,852	***	***	***	***	***	***	***	***	***	***
Asian, only	33,689	13	0.5%	38.6	13	0.4%	38.6	26	0.4%	77.2	1,295
Black, only	470,402	2,599	86.4%	552.5	2,848	84.4%	605.4	5,447	85.4%	1,157.9	86
Native Hawaiian/ Other Pacific Islander, only	335	***	***	***	***	***	***	***	***	***	***
White, only	115,587	153	5.1%	132.4	183	5.4%	158.3	336	5.3%	290.7	344
Multiracial/ Other	12,242	65	2.2%	531.0	112	3.3%	914.9	177	2.8%	1,445.8	69
TOTAL	742,415	3,007	100.0%	405.0	3,374	100.0%	454.5	6,381	100.0%	859.5	116

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	554,022	2,520	83.8%	454.9	2,810	83.3%	507.2	5,330	83.5%	962.1	103
Foreign-born	171,012	281	9.3%	164.3	457	13.5%	267.2	738	11.6%	431.5	231
Africa	--	166	5.5%	--	281	8.3%	--	447	7.0%	--	--
Asia	--	5	0.2%	--	13	0.4%	--	18	0.3%	--	--
Caribbean	--	33	1.1%	--	38	1.1%	--	71	1.1%	--	--
Central America	--	44	1.5%	--	88	2.6%	--	132	2.1%	--	--
Other	--	33	1.1%	--	37	1.1%	--	70	1.1%	--	--
Unknown	--	206	6.9%	--	107	3.2%	--	313	4.9%	--	--
TOTAL	725,034	3,007	100.0%	414.7	3,374	100.0%	465.4	6,381	100.0%	880.1	113

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	4,076	2,157	52.9%	483	15.7%	16.4%	20.3%	47.6%
Female	2,305	1,296	56.2%	534	12.2%	13.6%	18.1%	56.1%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	390	196	50.3%	455	16.3%	15.8%	24.0%	43.9%
Non-Hispanic	5,991	3,257	54.4%	508	14.3%	15.3%	19.2%	51.2%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	26	15	57.7%	499	13.3%	26.7%	13.3%	46.7%
Black, only	5,447	2,963	54.4%	506	14.5%	15.4%	19.2%	50.9%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	336	159	47.3%	576	7.5%	12.6%	18.9%	61.0%
Multiracial/Other	177	120	67.8%	478	18.3%	15.8%	19.2%	46.7%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	5,330	2,860	53.7%	506	14.6%	15.1%	19.5%	50.7%
Foreign-born	738	401	54.3%	484	15.0%	17.5%	20.2%	47.4%
Africa	447	253	56.6%	463	14.6%	20.6%	20.6%	44.3%
Asia	18	10	55.6%	522	10.0%	20.0%	10.0%	60.0%
Caribbean	71	39	54.9%	612	7.7%	7.7%	5.1%	79.5%
Central America	132	67	50.8%	409	23.9%	13.4%	29.9%	32.8%
Other	70	32	45.7%	629	9.4%	12.5%	18.8%	59.4%
Unknown	313	192	61.3%	570	9.9%	14.6%	16.7%	58.9%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	4,076	2,142	52.6%	73.7%	14,072
Female	2,305	1,310	56.8%	75.6%	9,369
TOTAL	6,381	3,452	54.1%	74.4%	12,080

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	390	194	49.7%	73.7%	19,050
Non-Hispanic	5,991	3,258	54.4%	74.5%	11,249
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	26	17	65.4%	64.7%	104,240
Black, only	5,447	2,969	54.5%	73.8%	12,475
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	336	155	46.1%	86.5%	4,979
Multiracial/Other	177	117	66.1%	76.1%	6,290
TOTAL	6,381	3,452	54.1%	74.4%	12,080

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	5,330	2,846	53.4%	73.8%	12,220
Foreign-born	738	415	56.2%	78.1%	15,903
Africa	447	261	58.4%	78.9%	9,984
Asia	18	12	66.7%	75.0%	1,954
Caribbean	71	38	53.5%	76.3%	18,279
Central America	132	67	50.8%	77.6%	90,170
Other	70	37	52.9%	75.7%	2,754
Unknown	313	191	61.0%	75.9%	5,299
TOTAL	6,381	3,452	54.1%	74.4%	12,080

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

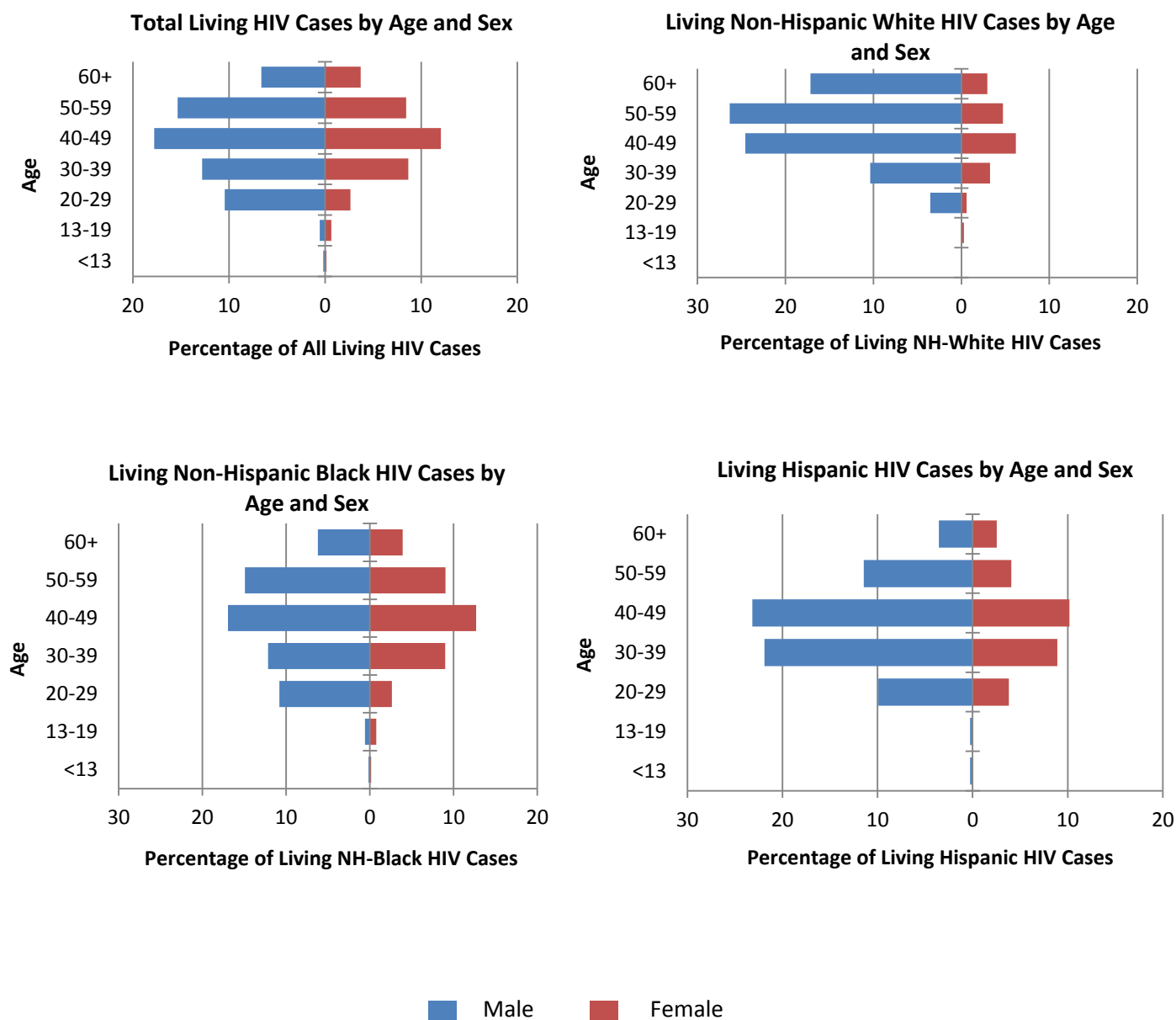
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	18,457	44,697	6,796	5,356	75,306
	Cases	1	9	0	1	11
	Rate	5.4	20.1	0.0	18.7	14.6
	Ratio (1 in X)	18,457	4,966	--	5,355	6,846
13-19	Population	7,460	26,572	5,318	5,356	44,706
	Cases	1	33	0	1	35
	Rate	13.4	124.2	0.0	18.7	78.3
	Ratio (1 in X)	7,460	805	--	5,355	1,277
20-29	Population	14,816	38,263	11,594	5,461	70,134
	Cases	39	598	12	27	676
	Rate	263.2	1,562.9	103.5	494.4	963.9
	Ratio (1 in X)	379	63	966	202	103
30-39	Population	17,623	33,197	7,003	4,070	61,893
	Cases	86	674	35	33	828
	Rate	488.0	2,030.3	499.8	810.8	1,337.8
	Ratio (1 in X)	204	49	200	123	74
40-49	Population	11,303	38,602	7,072	3,184	60,161
	Cases	91	939	83	38	1,151
	Rate	805.1	2,432.5	1,173.6	1,193.5	1,913.2
	Ratio (1 in X)	124	41	85	83	52
50-59	Population	5,758	37,408	10,736	2,948	56,850
	Cases	45	826	89	34	994
	Rate	781.5	2,208.1	829.0	1,153.3	1,748.5
	Ratio (1 in X)	127	45	120	86	57
60+	Population	3,232	38,428	16,186	3,714	61,560
	Cases	14	344	58	14	430
	Rate	433.2	895.2	358.3	377.0	698.5
	Ratio (1 in X)	230	111	279	265	143
TOTAL MALES BY RACE/ ETHNICITY	Population	78,649	257,167	64,705	30,089	430,610
	Cases	277	3,423	277	148	4,125
	Rate	352.2	1,331.0	428.1	491.9	957.9
	Ratio (1 in X)	283	75	233	203	104

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	17,324	43,652	6,326	5,058	72,360
	Cases	0	9	0	1	10
	Rate	0.0	20.6	0.0	19.8	13.8
	Ratio (1 in X)	--	4,850	--	5,058	7,236
13-19	Population	6,643	26,176	4,789	2,975	40,583
	Cases	0	42	1	0	43
	Rate	0.0	160.4	20.9	0.0	106.0
	Ratio (1 in X)	--	623	4,789	--	943
20-29	Population	11,456	41,220	9,627	5,128	67,431
	Cases	15	146	2	8	171
	Rate	130.9	354.2	20.8	156.0	253.6
	Ratio (1 in X)	763	282	4,813	641	394
30-39	Population	12,584	39,925	6,496	4,892	63,897
	Cases	35	497	11	18	561
	Rate	278.1	1,244.8	169.3	367.9	878.0
	Ratio (1 in X)	359	80	590	271	113
40-49	Population	8,512	48,290	6,831	3,923	67,556
	Cases	40	702	21	18	781
	Rate	469.9	1,453.7	307.4	458.8	1,156.1
	Ratio (1 in X)	212	68	325	217	86
50-59	Population	5,028	47,381	10,536	3,951	66,896
	Cases	16	500	16	15	547
	Rate	318.2	1,055.3	151.9	379.7	817.7
	Ratio (1 in X)	314	94	658	263	122
60+	Population	3,894	54,939	19,399	4,943	83,175
	Cases	10	217	10	4	241
	Rate	256.8	395.0	51.5	80.9	289.8
	Ratio (1 in X)	389	253	1,939	1,235	345
TOTAL FEMALES BY RACE/ ETHNICITY	Population	65,441	301,583	64,004	30,870	461,898
	Cases	116	2,113	61	64	2,354
	Rate	177.3	700.6	95.3	207.3	509.6
	Ratio (1 in X)	564	142	1,049	482	196

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	234	100.0%	189	80.8%	66	28.2%	82.5%	357
Men who have Sex with Men (MSM)	139	59.4%	108	77.7%	33	23.7%	77.7%	375
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	88	37.6%	76	86.4%	31	35.2%	90.9%	305
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	183		141	77.0%	62	33.9%	79.2%	354
TOTAL	417		330	79.1%	128	30.7%	81.1%	356

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	190	100.0%	151	79.5%	57	30.0%	81.1%	332
Men who have Sex with Men (MSM)	139	73.2%	108	77.7%	33	23.7%	77.7%	375
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	45	23.7%	39	86.7%	22	48.9%	93.3%	238
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	115		86	74.8%	39	33.9%	77.4%	361
TOTAL	305		237	77.7%	96	31.5%	79.7%	343

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	44	100.0%	38	86.4%	9	20.5%	88.6%	445
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	43	97.7%	37	86.0%	9	20.9%	88.4%	457
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure*	68		55	80.9%	23	33.8%	82.4%	338
TOTAL	112		93	83.0%	32	28.6%	84.8%	398

* Includes 8 HIV cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	147	100.0%	4.7	49.7%
Men who have Sex with Men (MSM)	79	53.7%	4.1	48.1%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	57	38.8%	4.4	56.1%
Other Exposures	***	***	***	***
No Reported Exposure	105		1.9	65.7%
TOTAL	252		3.5	56.3%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	120	100.0%	4.3	51.7%
Men who have Sex with Men (MSM)	79	65.8%	4.1	48.1%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	32	26.7%	3.4	65.6%
Other Exposures	***	***	***	***
No Reported Exposure	64		1.7	68.8%
TOTAL	184		3.4	57.6%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	27	100	6.5	40.7
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	25	92.6%	5.7	44.0%
Other Exposures	***	***	***	***
No Reported Exposure*	41		2.4	61.0%
TOTAL	68		4.0	52.9%

* Includes 3 AIDS cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,656	100.0%	2,442	100.0%	4,098	100.0%
Men who have Sex with Men (MSM)	882	53.3%	959	39.3%	1,841	44.9%
Injection Drug Users (IDU)	84	5.1%	291	11.9%	375	9.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	1.0%	64	2.6%	80	2.0%
Heterosexual Exposure (HET)	670	40.5%	1,116	45.7%	1,786	43.6%
Other Exposures	4	0.2%	12	0.5%	16	0.4%
No Reported Exposure	1,351		932		2,283	
TOTAL	3,007		3,374		6,381	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,172	100.0%	1,649	100.0%	2,821	100.0%
Men who have Sex with Men (MSM)	882	75.3%	959	58.2%	1,841	65.3%
Injection Drug Users (IDU)	50	4.3%	181	11.0%	231	8.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	1.4%	64	3.9%	80	2.8%
Heterosexual Exposure (HET)	223	19.0%	439	26.6%	662	23.5%
Other Exposures	1	0.1%	6	0.4%	7	0.2%
No Reported Exposure	736		519		1,255	
TOTAL	1,908		2,168		4,076	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	484	100.0%	793	100.0%	1,277	100.0%
Injection Drug Users (IDU)	34	7.0%	110	13.9%	144	11.3%
Heterosexual Exposure (HET)	447	92.4%	677	85.4%	1,124	88.0%
Other Exposures	3	0.6%	6	0.8%	9	0.7%
No Reported Exposure*	615		413		1,028	
TOTAL	1,099		1,206		2,305	

* Includes 25 HIV cases without AIDS and 29 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	273	100.0%	3,436	100.0%	248	100.0%
Men who have Sex with Men (MSM)	116	42.5%	1,475	42.9%	178	71.8%
Injection Drug Users (IDU)	14	5.1%	322	9.4%	25	10.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	2.2%	64	1.9%	7	2.8%
Heterosexual Exposure (HET)	136	49.8%	1,562	45.5%	36	14.5%
Other Exposures	1	0.4%	13	0.4%	2	0.8%
No Reported Exposure	117		2,011		88	
TOTAL	390		5,447		336	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	199	100.0%	2,301	100.0%	216	100.0%
Men who have Sex with Men (MSM)	116	58.3%	1,475	64.1%	178	82.4%
Injection Drug Users (IDU)	9	4.5%	197	8.6%	16	7.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	3.0%	64	2.8%	7	3.2%
Heterosexual Exposure (HET)	67	33.7%	560	24.3%	14	6.5%
Other Exposures	1	0.5%	5	0.2%	1	0.5%
No Reported Exposure	76		1,078		60	
TOTAL	275		3,379		276	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	74	100.0%	1,135	100.0%	32	100.0%
Injection Drug Users (IDU)	5	6.8%	125	11.0%	9	28.1%
Heterosexual Exposure (HET)	69	93.2%	1,002	88.3%	22	68.8%
Other Exposures	0	0.0%	8	0.7%	1	3.1%
No Reported Exposure*	41		933		28	
TOTAL	115		2,068		60	

* Includes 3 Hispanic cases, 48 non-Hispanic black cases, and 1 non-Hispanic white case with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	4,098	2,228	54.4%	495	14.5%	15.3%	21.0%	49.2%
Men who have Sex with Men (MSM)	1,841	992	53.9%	487	12.9%	15.7%	22.8%	48.6%
Injection Drug Users (IDU)	375	158	42.1%	457	22.2%	13.9%	20.9%	43.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	80	35	43.8%	419	5.7%	25.7%	31.4%	37.1%
Heterosexual Exposure (HET)	1,786	1,032	57.8%	504	15.0%	14.7%	19.1%	51.2%
Other Exposures	16	11	68.8%	428	36.4%	9.1%	9.1%	45.5%
No Reported Exposure*	2,283	1,225	53.7%	522	14.1%	15.5%	16.7%	53.7%
TOTAL	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%

* Includes 54 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	4,098	2,224	54.3%	74.5%	13,440
Men who have Sex with Men (MSM)	1,841	975	53.0%	72.9%	20,280
Injection Drug Users (IDU)	375	160	42.7%	81.3%	4,790
Men who have Sex with Men and Inject Drugs (MSM/IDU)	80	33	41.3%	75.8%	13,387
Heterosexual Exposure (HET)	1,786	1,047	58.6%	74.8%	8,606
Other Exposures	16	9	56.3%	77.8%	43,597
No Reported Exposure*	2,283	1,228	53.8%	74.3%	10,034
TOTAL	6,381	3,452	54.1%	74.4%	12,080

* Includes 54 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

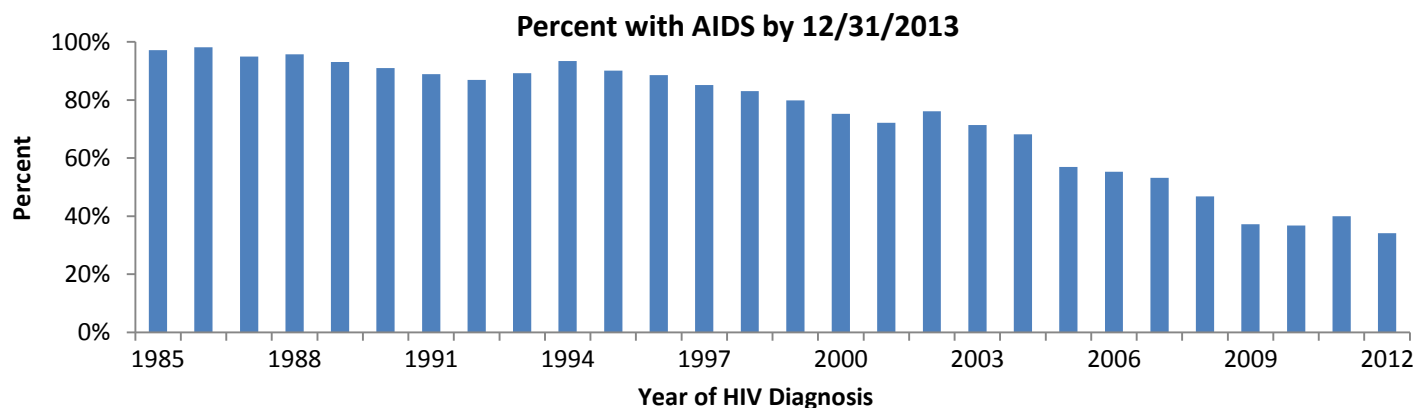
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014

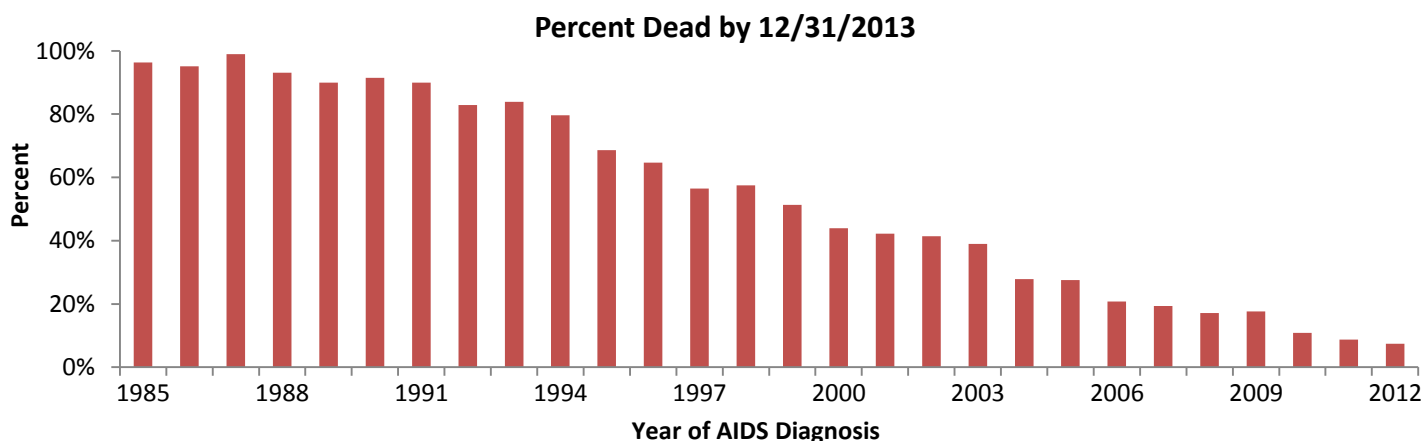
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	64	59	92.2%	6.6	50.0%	50.0%	51.6%	62.5%
1985	109	106	97.2%	5.0	50.5%	51.4%	55.0%	76.1%
1986	154	151	98.1%	5.0	39.6%	40.9%	51.3%	87.0%
1987	222	211	95.0%	3.8	45.9%	46.4%	62.6%	86.0%
1988	230	220	95.7%	3.1	48.7%	53.0%	74.8%	89.6%
1989	305	284	93.1%	3.2	47.2%	49.2%	73.4%	86.9%
1990	332	302	91.0%	2.8	50.0%	57.5%	74.7%	84.9%
1991	380	338	88.9%	2.5	49.5%	57.9%	76.1%	83.7%
1992	335	291	86.9%	2.8	50.7%	57.0%	72.5%	78.5%
1993	296	264	89.2%	2.4	57.4%	62.8%	74.0%	83.1%
1994	271	253	93.4%	1.5	70.5%	75.6%	82.3%	90.4%
1995	272	245	90.1%	1.7	66.9%	72.4%	76.8%	87.5%
1996	272	241	88.6%	1.9	64.3%	66.9%	75.7%	83.8%
1997	295	251	85.1%	1.7	63.7%	67.1%	74.2%	81.7%
1998	284	236	83.1%	1.8	60.2%	64.4%	70.1%	79.9%
1999	298	238	79.9%	1.5	62.8%	66.8%	70.5%	75.8%
2000	290	218	75.2%	1.3	59.3%	61.4%	68.3%	72.8%
2001	294	212	72.1%	1.4	54.8%	57.1%	65.6%	69.4%
2002	330	251	76.1%	0.9	63.6%	67.9%	72.1%	74.8%
2003	384	274	71.4%	0.9	59.4%	62.0%	65.9%	71.4%
2004	403	275	68.2%	1.2	54.6%	57.1%	60.3%	--
2005	419	239	57.0%	1.0	46.8%	49.2%	51.8%	--
2006	436	241	55.3%	1.0	44.0%	46.1%	50.9%	--
2007	496	264	53.2%	1.1	40.3%	42.1%	49.4%	--
2008	500	234	46.8%	1.1	35.0%	37.8%	--	--
2009	476	177	37.2%	0.7	30.5%	32.4%	--	--
2010	492	181	36.8%	0.5	30.7%	33.5%	--	--
2011	438	175	40.0%	0.5	33.1%	36.8%	--	--
2012	427	146	34.2%	0.3	32.6%	--	--	--
TOTAL	9,504	6,577	69.2%	1.9	48.7%	52.1%	59.8%	66.3%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

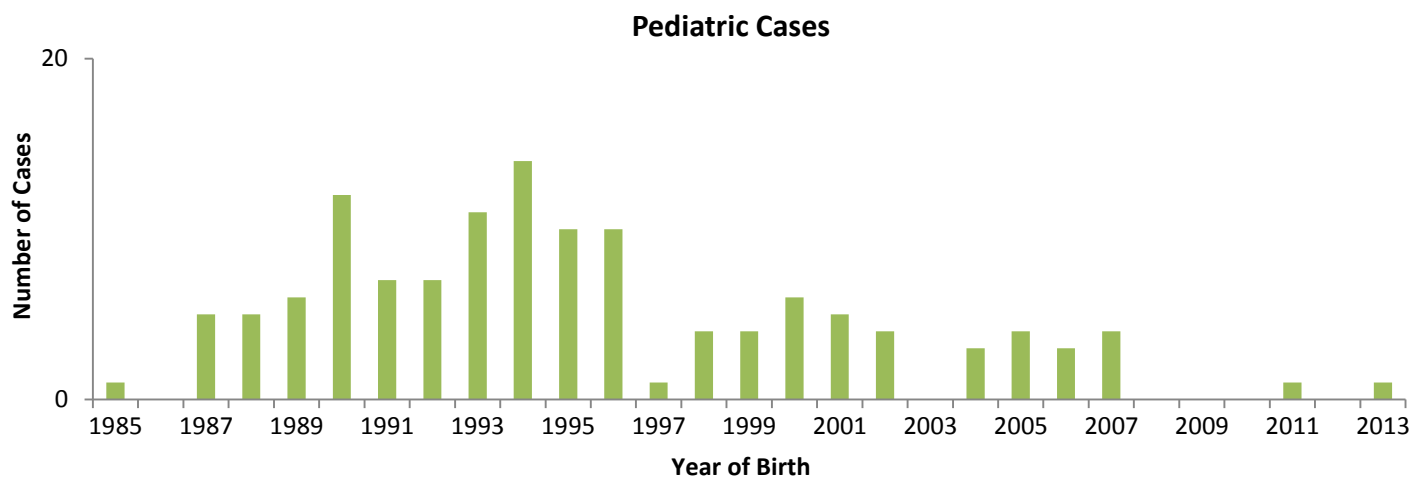


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	31.6%	5.3%	2.6%	0.0%
1985	54	52	96.3%	1.6	40.7%	16.7%	14.8%	5.6%
1986	61	58	95.1%	1.8	52.5%	34.4%	11.5%	8.2%
1987	105	104	99.0%	2.0	44.8%	24.8%	10.5%	4.8%
1988	116	108	93.1%	1.7	60.3%	37.1%	14.7%	6.9%
1989	150	135	90.0%	2.5	66.0%	48.0%	20.7%	14.0%
1990	189	173	91.5%	2.8	64.6%	47.6%	23.3%	14.8%
1991	231	208	90.0%	2.4	67.1%	51.5%	18.6%	13.4%
1992	304	252	82.9%	3.0	78.3%	55.6%	28.3%	22.7%
1993	316	265	83.9%	3.3	71.5%	56.0%	32.0%	24.4%
1994	328	261	79.6%	3.0	72.9%	52.7%	37.2%	25.9%
1995	306	210	68.6%	3.6	73.2%	61.4%	50.0%	39.5%
1996	289	187	64.7%	4.6	80.3%	72.7%	61.2%	45.3%
1997	253	143	56.5%	4.0	81.0%	74.7%	61.7%	50.6%
1998	221	127	57.5%	4.8	84.6%	81.9%	69.2%	50.7%
1999	240	123	51.3%	3.9	84.2%	77.5%	66.3%	52.9%
2000	230	101	43.9%	5.1	91.3%	89.1%	77.4%	61.3%
2001	232	98	42.2%	3.8	84.5%	80.6%	71.6%	62.5%
2002	244	101	41.4%	3.3	84.8%	81.6%	70.5%	61.5%
2003	287	112	39.0%	3.1	86.1%	80.5%	71.4%	62.4%
2004	269	75	27.9%	2.9	88.8%	86.6%	79.2%	--
2005	290	80	27.6%	2.1	86.9%	84.1%	76.2%	--
2006	260	54	20.8%	2.9	93.1%	90.4%	83.8%	--
2007	252	49	19.4%	1.5	89.7%	86.5%	81.7%	--
2008	211	36	17.1%	1.2	89.1%	86.7%	--	--
2009	182	32	17.6%	1.2	90.7%	86.8%	--	--
2010	248	27	10.9%	1.0	94.0%	91.1%	--	--
2011	206	18	8.7%	0.6	93.7%	91.7%	--	--
2012	244	18	7.4%	0.7	94.7%	--	--	--
TOTAL	6,356	3,245	51.1%	3.1	80.9%	72.2%	59.9%	52.5%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	10	2	1	0	
1985	1	2	1	0	4
1986	0	2	0	0	6
1987	5	4	4	0	10
1988	5	2	1	2	10
1989	6	4	3	1	13
1990	12	9	4	4	18
1991	7	7	4	3	22
1992	7	5	3	0	27
1993	11	9	6	3	33
1994	14	6	2	1	38
1995	10	9	7	5	42
1996	10	7	7	2	48
1997	1	3	2	0	51
1998	4	3	1	2	51
1999	4	11	5	0	62
2000	6	2	2	0	64
2001	5	4	3	2	64
2002	4	5	0	0	69
2003	0	2	0	4	67
2004	3	4	4	3	67
2005	4	6	3	1	71
2006	3	5	5	0	74
2007	4	16	4	0	89
2008	0	2	2	0	93
2009	0	0	0	0	93
2010	0	1	2	1	93
2011	1	4	2	0	95
2012	0	1	1	0	97
2013	1	1	0	0	98
TOTAL	138	138	79	34	--

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
20607	1	1.0%
20706	3	3.1%
20707	1	1.0%
20710	2	2.0%
20712	5	5.1%
20716	2	2.0%
20721	3	3.1%
20735	7	7.1%
20737	3	3.1%
20743	8	8.2%
20744	5	5.1%
20745	5	5.1%
20746	6	6.1%
20747	5	5.1%
20748	9	9.2%
20770	2	2.0%
20772	3	3.1%
20774	2	2.0%
20781	1	1.0%
20782	6	6.1%
20783	4	4.1%
20784	4	4.1%
20785	10	10.2%
20903	1	1.0%
TOTAL	98	100.0%

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	49	50.0%
Female	49	50.0%
TOTAL	98	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	3	3.1%
Non-Hispanic	95	96.9%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	89	93.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	2	2.1%
Multiracial/Other	4	4.2%
TOTAL	98	100.0%

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS Diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location, which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31st of the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.